

SN. 10/690,940

ATTORNEY DOCKET No. KODA:326

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously amended) A stabilized white-light-emitting OLED device, comprising:
 - a) an anode;
 - b) a cathode;
 - c) at least two light-emitting layers disposed between the anode and the cathode; and
 - d) a stabilizing substituted perylene material having a concentration selected so that it does not emit light to thereby increase the lifetime of the white-light-emitting OLED device.
2. (Original) The stabilized white-light-emitting OLED device of claim 1 wherein the perylene material is a substituted or unsubstituted benzoperylene.
3. (Original) The stabilized white-light-emitting OLED device of claim 1 wherein the perylene material is a substituted or unsubstituted dibenzoperylene.
4. (Original) The stabilized white-light-emitting OLED device of claim 1 wherein the perylene material is a substituted or unsubstituted tribenzoperylene.
5. (Previously amended) A stabilized white-light-emitting OLED device, comprising:
 - a) an anode and a cathode spaced apart from the anode;
 - b) a hole-transporting layer disposed over the anode;
 - c) a yellow-light-emitting layer and a blue-light-emitting layer disposed between the hole transporting layer and the cathode; and
 - d) a stabilizing substituted perylene material disposed at least in one of the following layers: the hole-transporting layer; the blue-light-emitting layer; or the yellow-light-emitting layer and having a concentration selected so that it does not emit light to thereby increase the lifetime of the white-light-emitting OLED device.

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6. (Original) The stabilized white-light-emitting OLED device of claim 5 wherein the substituted perylene material is a substituted or unsubstituted benzoperylene.

7. (Original) The stabilized white-light-emitting OLED device of claim 5 wherein the substituted perylene material is a substituted or unsubstituted dibenzoperylene.

8. (Original) The stabilized white-light-emitting OLED device of claim 5 wherein the substituted perylene material is a substituted or unsubstituted tribenzoperylene.

9. (Original) The stabilized white-light-emitting OLED device of claim 5 wherein the substituted perylene material is disposed at least in two of the following layers: the hole-transporting layer; the blue-light-emitting layer; or the yellow-light-emitting layer.

10. (Original) The stabilized white-light-emitting OLED device of claim 6 wherein the substituted perylene material is disposed at least in two of the following layers: the hole-transporting layer, the blue-light-emitting layer, or the yellow-light-emitting layer.

11. (Original) The stabilized white-light-emitting OLED device of claim 7 wherein the substituted perylene material is disposed at least in two of the following layers: the hole-transporting layer; the blue-light-emitting layer; or the yellow-light-emitting layer.

12. (Original) The stabilized white-light-emitting OLED device of claim 8 wherein the substituted perylene material is disposed at least in two of the following layers: the hole-transporting layer; the blue-light-emitting layer; or the yellow-light-emitting layer.

13. (Previously amended) A stabilized white-light-emitting OLED device, comprising:

- a) an anode and a cathode spaced apart from the anode;
- b) a hole-transporting layer disposed over the anode;
- c) a yellow-light-emitting layer and a blue-light-emitting layer disposed between the hole transporting layer and the cathode;
- d) an electron-transporting layer adjacent to the cathode and either the yellow-light-emitting layer or the blue-light-emitting layer; and

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e) a stabilizing substituted perylene material disposed at least in one of the following layers: the hole-transporting layer, the blue-light-emitting layer, the yellow-light-emitting layer, or the electron-transporting layer and having a concentration selected so that it does not emit light to thereby increase the lifetime of the white-light-emitting OLED device.

14. (Original) The stabilized white-light-emitting OLED device of claim 13 wherein the substituted perylene material is disposed at least in two of the following layers: the hole-transporting layer; the blue-light-emitting layer; the yellow-light-emitting layer; or the electron-transporting layer.

15. (Original) The stabilized white-light-emitting OLED device of claim 13 wherein the substituted perylene material is disposed at least in three of the following layers: the hole-transporting layer; the blue-light-emitting layer; the yellow-light-emitting layer; or the electron-transporting layer.

16. (Original) The stabilized white-light-emitting OLED device of claim 13 wherein substituted perylene material is disposed in the hole-transporting layer and the blue-light-emitting layer.

17. (Original) The stabilized white-light-emitting OLED device of claim 13 wherein the yellow-light-emitting layer is in contact with the hole-transporting layer.

18. (Original) The stabilized white-light-emitting OLED device of claim 13 wherein the blue-light-emitting layer is in contact with the hole-transporting layer.

19. (Original) The stabilized white-light-emitting OLED device of claim 13 wherein the level of substituted perylene material concentration in one or more layers is selected so that the substituted perylene material is a non-luminescent dopant.

20. (Original) The stabilized white-light-emitting OLED device of claim 13 wherein the substituted perylene material is dibenzo[*b,k*]perylene.